

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Withdrawn) An electrode for an electrochemical device, comprising an organic compound that serves as an active material and a substrate carrying said organic compound, wherein said substrate and said organic compound are bonded by a covalent bond, wherein said organic compound has a thiol group in the molecule thereof.
2. (Withdrawn) The electrode for an electrochemical device in accordance with claim 1, wherein said covalent bond is at least one selected from the group consisting of Si-O bond, Ti-O bond, C-C bond, C-O bond, and urethane bond.
3. (Cancelled)
4. (Withdrawn) The electrode for an electrochemical device in accordance with claim 1, wherein said organic compound has a free radical in the molecule thereof.
5. (Cancelled)
6. (Withdrawn) The electrode for an electrochemical device in accordance with claim 1, wherein said substrate is at least one selected from the group consisting of a metal, a carbonaceous material, a conductive polymer, glass, and a silicone resin.
7. (Withdrawn) The electrochemical device in accordance with claim 1 comprising a pair of electrodes and an electrolyte,

wherein at least one of the electrodes comprises an organic compound that serves as an active material and a substrate carrying said organic compound, and said substrate and said organic compound are bonded by a covalent bond.

8. (Previously Presented) An electrode for an electrochemical device, comprising an electrode current collector made of metal and an electrode material mixture attached on said electrode current collector,

wherein said electrode material mixture includes a composite material comprising an organic compound that serves as an active material and a carbonaceous material carrying said organic compound,

said organic compound has an electrode reaction site and a covalent bond site in the molecule thereof,

said carbonaceous material and said covalent bond site of said organic compound are bonded by a covalent bond, said organic compound has a free radical as said electrode reaction site in the molecule thereof, and

said covalent bond is at least one selected from the group consisting of Si-O bond, Ti-O bond, C-C bond, C-O bond, and urethane bond.

9. (Cancelled)

10. (Cancelled)

11. (Previously Presented) An electrochemical device comprising a pair of electrodes and an electrolyte,

wherein at least one of the electrodes comprises an electrode current collector made of metal and an electrode material mixture attached on said electrode current collector,

said electrode material mixture includes a composite material comprising an organic compound that serves as an active material and a carbonaceous material carrying said organic compound,

said organic compound has an electrode reaction site and a covalent bond site in the molecule thereof,

said carbonaceous material and said covalent bond site of said organic compound are bonded by a covalent bond,

said organic compound has a free radical as said electrode reaction site in the molecule thereof, and

said covalent bond is at least one selected from the group consisting of Si-O bond, Ti-O bond, C-C bond, C-O bond, and urethane bond.

12. (Previously Presented) The electrode in accordance with claim 8, wherein said covalent bond site is at least one selected from the group consisting of an SiX group, a TiX group, a carbon-carbon double bond, and an isocyanate group,

where X is a halogen atom, an alkoxy group, or an acyloxy group.